

Objectives

- Tools

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1

1

Review

- What did you think of Rinn's and Patrick's talks?

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2

2

Project Timeline

Objective	Deadline	% of Final Project
Tool preferences (individual)	March 21, 11:59 p.m.	1%
Preliminary Exploration	March 29, 11:59 p.m.	5%
Presentation	Last week of classes	49%
Web page(s)	Tues of finals week	16%
Analyses (individual) <ul style="list-style-type: none"> • Tool • Team • Individual reflection 	End of Finals Period	29%

<http://cs.wlu.edu/~sprenkle/cs397/project.php>

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3

3

Tool Groups

- Cloud DBs
 - Chapin
 - Carson
 - Andrew
 - Garrett
 - Finn
 - Warren
- ElasticStack
 - Sam
 - Ana
 - Alyssa
- React and Node.js
 - Dominique
 - Liz
 - Nobel
 - Armando
 - Mesoma
 - Jorge
 - Yoseph
- Kubernetes and Stacks
 - Marshall
 - Joe
 - Scott

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4

4

Deliverable: Preliminary Tool Exploration

- Explore tool
 - Find relevant documentation, tutorials, blog posts, etc.
- Organize team
 - Division of labor
 - A lot of overlap in tasks
 - How collaborate?
 - Team deadlines
- Let me know if anything needs to be installed

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Deadline: Tues, March 29

5

5

Deliverable: Presentation

- Move past the buzzwords: what is it really?
- Motivation, Problem tool solves
- How does it work?
- What you need to do to get started?
 - Dependencies
- What are the opportunities?
 - What does the tool work with?
 - (some of the tools can work together)
 - How can you extend it?
- Demo
- What are the competitors/alternatives?
 - How do they compare?
- Strengths and limitations of tool
- Logistics:
 - Last week of classes
 - Approximately equal amount of speaking by each team member

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6

6

Deliverable: Web Pages

- Web page about the tool for other students
 - Summary of the presentation topics
 - Best tutorials, sites about tool
 - Link to your slides
- This can take different forms, e.g.,
 - A Markdown file in a public GitHub repository
 - GitHub pages
 - A Google site

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7

7

Deliverable: Analyses

- Evaluation of Tool
 - Summary of tool
 - Quantitative analysis
 - Qualitative analysis
 - Tradeoffs in adopting the tool
- Team assessment
 - Organization, Collaboration
- Individual reflection

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8

8

Looking Ahead

- Tues at 11:59 p.m.
 - Email me with your plans and if anything needs to be installed
- Wed: scheduling the talks for next week